

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1851	(251/315.01-315.16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/11 10:30
L4	535	(251/62).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/11 10:30
L5	555	(251/315.01,315.16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/11 10:31
L6	130	3 and offset	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 10:43
L7	103	3 and pocket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 11:01
L8	20	ball adj valve same offset near (duct or bore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 11:06
L9	86	4 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 11:43
L10	50	("1406191"   "3542337"   "3542338"   "5070909").PN. OR ("3386461"   "3762682"   "5324008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:00
L11	171	("0382655"   "0398111"   "0584291"   "1108183"   "1113282"   "1119758"   "1229443"   "1517728"   "1530827"   "1724940"   "1746609"   "1750481"   "1784381"   "1815889"   "1832341"   "1885000"   "2032623"   "2082940"   "2190228"   "2340999"   "2352140"   "2354255"   "2384783"   "2390882"   "2589012"   "2629578"   "2698731"   "2735047"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:00

		"2756017"   "2791279"   "2829719"   "2843093"   "2908478"   "2912012"   "2948503"   "2989283"   "3021903"   "3092131"   "3096965"   "3100499"   "3132666"   "3166094"   "3256910"   "3261266"   "3337178"   "3339887"   "3455534"   "3458172"   "3476057"   "3509913"   "3557822"   "3610568"   "3610574"   "3624802"   "3698617"   "3709106"   "3747618"   "3749355"   "3806082"   "3824901"   "3837617"   "3887161"   "3900230"   "3926408"   "3941348"   "3949786"   "3958493"   "3991784"   "3995827"   "4073465"   "4094231"   "4182219"   "4262693"   "4278108"   "4316596"   "4377179"   "4378931"   "Re27789").PN. OR ("3552440"   "3747618"   "4256283"   "4338857"   "4519576"   "4576358"   "5542643").URPN.				
L12	2536	ball adj valve and actuat\$3 same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:13
L13	369	"251".clas. and ball adj valve and actuat\$3 same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:14
L14	35	"251".clas. and ball adj valve and actuat\$3 same parallel same bar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:15
L15	12	"166".clas. and ball adj valve and actuat\$3 same parallel same bar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:16
L16	111	ball adj valve and guide adj shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:17
L17	6	ball adj valve and guide adj shaft and bar same sliding\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:18

L18	29	ball adj valve and guide adj shaft and pocket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 12:18
L21	39	("2340999"   "2352140"   "2390882"   "2843093"   "3092131"   "3509913"   "3610568"   "3698617"   "3747618"   "3806082"   "3887161"   "3941348"   "3995827"   "4073465"   "4182219"   "4262693"   "4316596"   "4377179"   "4378931").PN. OR ("4519576"   "4576358"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:06
L22	10630	ball adj valve and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 13:50
L23	473	ball adj valve and rectilinear \$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 13:51
L24	124	ball adj valve and rectilinear \$2 same actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 13:52
L25	1471	ball adj valve and annulus and production	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/11 13:54
L26	7	("3298286").URPN.	USPAT	OR	ON	2010/05/11 13:56
L27	18	("2953344"   "3056573"   "3104592"   "3298286"   "3385120").PN. OR ("3672262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 14:02
L28	86	("0108426"   "0872501"   "1081817"   "1618775"   "1922874"   "1955222"   "1991504"   "2439113"   "2442306"   "2633141"   "2665712"   "2769573"   "3051433"   "3090218"   "3146681"   "3448762"   "3507192"   "3523675"   "3605567"   "3613512"   "3650506"   "3672262"   "3797804"   "4103864"   "4187870"   "4274438"   "4355566"   "4426063"   "4463776"   "4564169"   "4651627"   "4716815"   "4949936"   "4971289"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 14:04

		"5014598"   "5046523"   "5074134"   "5102093"   "5109692"   "5116018"   "5139230"   "5190263"   "5205317"   "5236172"   "5329959"   "5348271"   "5357847"   "5385167"   "5431182"   "5469737"   "5654885"   "5665898"   "5747697"   "5772286"   "5842404"   "6044860"   "6082393"   "6089269"   "6089531"   "6131609"   "6138985"   "6176247"   "6186167").PN. OR ("6640688").URPN.				
L29	96	(166/332.2,332.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/11 14:09
L30	1	("2002/0007950").URPN.	USPAT	OR	ON	2010/05/11 15:05
S18	4397	ball adj valve and offset	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/07 12:56
S19	10	apertured adj ball adj valve and offset	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/07 12:57

**EAST Search History (Interference)**

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**5/ 11/ 2010 4:30:36 PM****C:\ Documents and Settings\ mbuck\ My Documents\ EAST\ Workspaces\ 10587329.wsp**